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Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 09/829,170 Filing Date **TRANSMITTAL** April 9, 2001 **FORM** First Named Inventor A. L. Hagedoorn et al. Art Unit (to be used for all correspondence after initial filing) 3662; Confirmation No. 8264 Examiner Name Ian J. Lobo Attorney Docket Number 10-1027-US 9 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance communication Fee Transmittal Form Drawing(s) to Group Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to Group ~ Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please Terminal Disclaimer **Extension of Time Request** Identify below): Postcard Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) The commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account No. 13-0010 (IO-1027-US) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Todd A. Bynum, Reg. No. 39,488 Individual name Signature Date July 1, 2004 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. Typed or printed name Beth Pearson-Naul Date July 1, 2004 Signature

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Beth Pearson-Naul

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Hagedoorn, et al.

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Docket No: IO-1027-US

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Serial No: 09/829,170

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Art Unit: 3662

Filed: April 9, 2001

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Examiner: Ian J. Lobo

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Title: Double-Ended Geophone

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Confirmation No.: 8264

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Alexandria, Virginia 22313-1450

RESPONSE TO FINAL OFFICE ACTION, DATED JUNE 23, 2004

This is in response to the Final Office Action, dated June 23, 2004 for the above-identified patent application.

Amendments begin a page 2.

Remarks begin at page 10.